

**Daily Engineering Control Verification Sampling**  
**General Services Administration**  
**Department of the Interior Modernization Program**  
**1849 C Street NW, Washington, DC**

**Week ending: 10/18/2007**

Note 1: TVOC = Total Volatile Organic Compounds, which is the total concentration of any volatile organic compounds that may be present. Volatile organic compounds are organic chemicals that have a high vapor pressure and easily form vapors at normal temperature. While there is currently no Permissible Exposure Limit (PEL) for TVOCs, an action level of 1.3 parts per million (ppm) has been established for this project based on best available research.

Note 2: OSHA Total and Respirable Particulate PEL = 15.0 milligrams per cubic meter of air ( $\text{mg}/\text{m}^3$ ) for total particulates, 5.0  $\text{mg}/\text{m}^3$  for respirable particulates.

**Friday: 10/12/2007**

Floor	Location	Time	Total Particulates ( $\text{mg}/\text{m}^3$ )	TVOC (ppm)	Comments
7	Along main corridor between barricades	1009	0.014	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1010	0.046	0.0	
5	Along main corridor between barricades	1013	0.014	0.0	
4	Along main corridor between barricades	1016	0.023	0.0	
3	Along main corridor between barricades	1017	0.012	0.0	
2	Along main corridor between barricades	1019	0.011	0.0	
1	Along main corridor between barricades	1020	0.035	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1021	0.051	0.0	
5	Wing 5 rm 5538-5562	1012	0.012	0.0	
4	Wing 3 rm 4310-4329	1015	0.019	0.0	

**Monday: 10/15/2007**

Floor	Location	Time	Total Particulates ( $\text{mg}/\text{m}^3$ )	TVOC (ppm)	Comments
7	Along main corridor between barricades	1446	0.041	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1449	0.039	0.0	
5	Along main corridor between barricades	1450	0.039	0.0	
4	Along main corridor between barricades	1452	0.043	0.0	
3	Along main corridor between barricades	1454	0.039	0.0	
2	Along main corridor between barricades	1456	0.042	0.0	
1	Along main corridor between barricades	1457	0.032	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1458	0.047	0.0	
7	Wing 3 rm 7329-7360	1447	0.040	0.0	
3	Wing 5 3538-3560	1453	0.020	0.0	

**Tuesday: 10/16/2007**

Floor	Location	Time	Total Particulates (mg/m <sup>3</sup> )	TVOC (ppm)	Comments
7	Along main corridor between barricades	1247	0.063	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1249	0.065	0.0	
5	Along main corridor between barricades	1251	0.049	0.0	
4	Along main corridor between barricades	1253	0.110	0.0	
3	Along main corridor between barricades	1254	0.061	0.0	
2	Along main corridor between barricades	1258	0.060	0.0	
1	Along main corridor between barricades	1259	0.097	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1300	0.072	0.0	
6	Wing 5 rm 6538-6559	1250	0.047	0.0	
2	Wing 3 rm 2340-2357	1257	0.058	0.0	

**Wednesday: 10/17/2007**

Floor	Location	Time	Total Particulates (mg/m <sup>3</sup> )	TVOC (ppm)	Comments
7	Along main corridor between barricades	1515	0.066	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1516	0.056	0.0	
5	Along main corridor between barricades	1517	0.054	0.0	
4	Along main corridor between barricades	1520	0.060	0.0	
3	Along main corridor between barricades	1522	0.064	0.0	
2	Along main corridor between barricades	1523	0.060	0.0	
1	Along main corridor between barricades	1524	0.038	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1528	0.063	0.0	
5	Wing 3 rm 5309-5331	1519	0.066	0.0	
1	Wing 3 rm 1312-1329	1526	0.059	0.0	

**Thursday: 9/18/2007**

Floor	Location	Time	Total Particulates (mg/m <sup>3</sup> )	TVOC (ppm)	Comments
7	Along main corridor between barricades	1332	0.045	0.0	Passed smoke test for negative air pressure at doors
6	Along main corridor between barricades	1333	0.060	0.0	
5	Along main corridor between barricades	1335	0.042	0.0	
4	Along main corridor between barricades	1337	0.041	0.0	
3	Along main corridor between barricades	1338	0.043	0.0	
2	Along main corridor between barricades	1341	0.063	0.0	
1	Along main corridor between barricades	1344	0.055	0.0	Passed smoke test for negative air pressure at doors
B	Along main corridor between barricades	1345	0.227	0.0	
7	Wing 5 rm 7538-7559	1331	0.066	0.0	
3	Wing 3 rm 3306-3331	1340	0.039	0.0	





### Follow-Up Sampling in Areas with Results Above Established Action Levels

Floor	Location	Retest Time	Total Particulates (mg/m <sup>3</sup> )	TVOC (ppm)	Comments
	N/A				

### Additional Comments

Date	Floor	Comments

  
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 with permission by KJBC

### Distribution

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